Windows®. Life without Walls™.
Fujitsu recommends Windows 7.

Data Sheet
Fujitsu CELSIUS H710 Mobile Workstation

Workstation power on-the-go

The Fujitsu CELSIUS H710 delivers workstation power in a 39.6 cm (15.6-inch) notebook form factor. Featuring the 2nd generation Intel® Core™ processors and powerful NVIDIA® graphics, the CELSIUS H710 delivers uncompromising performance without tethering you to the office. Secure and reliable, it is ideal for business environments such as CAD and digital content creation.

Workstation performance
Higher productivity thanks to mobile workstation performance
- Second generation Intel® Core™ i7 & i5 processors with vPro™ technology, Professional NVIDIA® Quadro® graphics with 96 NVIDIA CUDA cores.

Unlimited connectivity
Online anywhere, anytime.
- Optional integrated WLAN, 3G/UMTS and Bluetooth®

Ultimate security
Protect your data from non-authorized access
- Integrated SmartCard reader and fingerprint sensor

Advanced Reliability
Protects your notebook against physical damage
- Spill-resistant keyboard and hard disk drive ShockSensor

ISV certification
Excellent performance and absolute stability in professional environments
- Comprehensive certification for workstation applications under Microsoft® Windows 7

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Components

Processor	Intel® Core™ i7-2820QM processor (4 Cores / 8 Threads, 2.30 GHz, 8 MB)
	Intel® Core™ i7-2720QM processor (4 Cores / 8 Threads, 2.20 GHz, 6 MB)
	Intel® Core™ i7-2620M processor (2 Cores / 4 Threads, 2.70 GHz, 4 MB)
	Intel® Core™ i5-2540M processor (2 Cores / 4 Threads, 2.60 GHz, 3 MB)
	Intel® Core™ i5-2520M processor (2 Cores / 4 Threads, 2.50 GHz, 3 MB)
Operating system	
Operating system	Genuine Windows® 7 Professional 64-bit
Operating system compatible	Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit Genuine Windows® XP Professional Genuine Windows® XP Professional x64 Edition
Operating system notes	Driver support for Microsoft® Windows® XP Professional / 7 Professional
Memory modules	2 GB (1 module(s) 2 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
	4 GB (1 module(s) 4 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
	8 GB (1 module(s) 8 GB) DDR3, 1333 MHz, PC3-10600, SO DIMM
Base unit memory	**CELSIUS H710**
Supported capacity RAM (min.)	2 GB
Supported capacity RAM (max.)	16 GB
Memory slots total	2
Memory slot type	DIMM (DDR3)
Hard disk drives (internal)	SSD SATA, 512 GB, 2.5-inch, full disk encryption
	SSD SATA, 256 GB, 2.5-inch, full disk encryption
	SSD SATA, 128 GB, 2.5-inch, full disk encryption
	HDD SATA, 7200 rpm, 500 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
	HDD SATA, 5400 rpm, 320 GB
	FDE, 5400 rpm, 320 GB, 2.5-inch, S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
WLAN (optional)	Atheros Minicard b/g/n
	Intel® Centrino® 6205 802.11 a/b/g/n
Wireless technologies	
Antennas	2 Dual band WLAN antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.
3G/UMTS (optional)	Sierra Wireless Gobi 3000 (downlink 14.4 Mbit/s, uplink 5.76 Mbit/s)
Bluetooth (optional)	Bluetooth 2.1
Display	39.6 cm (15.6-inch), LED backlight, (HD+), Anti-glare display, magnesium, 1600 x 900 pixel, 300:1, 220 cd/m²
	39.6 cm (15.6-inch), LED backlight, (Full HD), Anti-glare display, magnesium, 1920 x 1080 pixel
Modular bay options	2nd battery
	2nd hard disk drive
	Blu-ray Disc™ Triple Writer
	DVD Super Multi
	Weight saver

Base unit	CELSIUS H710
General system information	
Chipset	Intel® QM67
BIOS features	BIOS based on Phoenix SecureCore
Graphics	
Max. resolution external display	2560 x 1600 pixel via DisplayPort and Dual Link DVI
Graphics brand name	NVIDIA® Quadro® 1000M
Graphics features	DualView
Dedicated video memory	2 GB (GDDR3 VRAM)
Interfaces	
DC-in	1
Audio: in	1
Audio: out	1
Internal microphones	2 digital array microphones
USB 2.0 total	3
USB 3.0 total	1
VGA	1
DisplayPort	1
Ethernet (RJ-45)	1
Kensington Lock support	2
PC Card slot (Type I/II)	1
Memory card slots	1 (SD/MS/MSPro)
Express card slots	1
SmartCard slot	1
SIM card slot	1
eSATA	1
Wired communication	
LAN	10/100/1000 MBit/s Intel® 82579 LM
Keyboard	
	Spill-resistant keyboard
	Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	TouchStick (optional) Touchpad with two mouse buttons and scroll via fingerprint sensor Second set of mouse buttons EcoButton LockWorkstation button MobilityCenter button Fingerprint sensor
Multimedia	
Audio type	On board
Audio codec	Realtek ALC269
Audio features	Stereo speakers, Internal microphone
Camera	Optional: Built-in webcam, 2.0 megapixel, VGA camera
Power supply	
AC adapter	19 V / 120 W (6.32 A)
Rated voltage range	100 V - 240 V (AC Input)
Rated frequency range	50 Hz - 60 Hz
1st battery	Li-Ion battery 8-cell, 5.800 mAh, 84 Wh
2nd battery (optional)	Li-Ion battery 6-cell, 3.800 mAh, 41 Wh

Power supply	
Battery features	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2007 (readers mode – e.g. surfing the internet, writing E-mails, viewing documents)
Runtime 1st battery	up to 5.5 h
Runtime 1st + 2nd battery	up to 8 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Dimensions / Weight / Environmental	
Dimensions (W x D x H)	372 x 255 x 36 mm
Weight	2.75 kg
Weight notes	Actual weight may vary depending on configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	20 - 80 % (relative humidity, non-condensing)
Additional Software	
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager EasyGuide online user documentation Nero Essentials S (burning software) Norton Internet Security (incl. Firewall) Power Saving Utility ShockSensor Utility SmartAccess Plugfree Network Fujitsu Recovery (Hard Disk Based Recovery)
Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Manageability	
Manageability features	DeskUpdate Driver management iAMT Intel® Active Manageability Technology v7.0 (not activated, not set up) Intel® vPro™ technology
Manageability type	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration
Supported standards	WMI PXE BootP (made4you) WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
Security	
Physical security	Kensington Lock support
System security	Advanced Theft Protection Computrace® enabled BIOS Optional: Trusted platform module (TPM 1.2) Norton Internet Security (incl. Firewall) 90 days version

Security	
User security	Integrated Fingerprint Sensor Separate SmartCard slot Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

Compliance	
Product	CELSIUS H710
Germany	GS
Europe	CE
USA/Canada	cCSAus FCC Class B (depending on wireless configuration)
Global	RoHS (EU & China) Medical EMC standard IEC60601-1-2 in combination with medical kit ENERGY STAR® 5.0 (depending on configuration)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Port Replicator interfaces (optional)	
DC-in	1 (19V)
Power on switch	1
Audio: headphone	1
Audio: microphone	1
USB 2.0 total	4
DisplayPort	1 (up to 2560 x 1600)
VGA	1
DVI	1 (up to 1920 x 1200)
Serial (RS-232)	1
Ethernet (RJ-45)	1 (10/100/1000)
Parallel	1
Kensington Lock support	1
eSATA	1
Notes	Port replicator does not support 0-Watt technology

Warranty	
Standard Warranty	3 years (depending on country)
Service level	Collect & Return Service / Bring-in Service (depending on county specific requirements)

Maintenance and Support Services - the perfect extension	
Recommended Service	5x9, Response Time: Next Business Day
Service Weblink	http://ts.fujitsu.com/Supportservice

Recommended Accessories

MicroSaver® Master Access DS, MicroSaver® DSMicrosaver® DS Ultra thin

Losing your notebook is unthinkable. Protect your computer with incomparable security, the disc lock. The most advanced disc locking technology is featured with carbon tempered steel core cable, external braided steel sheath, and patented T-Bar. This model offers the Master Access solution.The Kensington MicroSaver® DS Keyed Ultra-Thin Notebook Lock is designed for the ultimate defense of even the thinnest notebook. The nearly impenetrable disk style keyed locking mechanism along with an advanced cable design provides greater security.

Order Code:
S26361-F1650-L900

Backpack A18

This stylish backpack with optimized design to carry big notebooks. One compartment for notebook and additional space for documents; in the front two compartment, the top one for mobile, pen or keys, the lower one for AC adapter and cable.

Order Code:
S26391-F119-L162

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More information

Fujitsu platform solutions

In addition to Fujitsu CELSIUS H710, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

Computing Products
www.fujitsu.com/global/services/computing/

Software
www.fujitsu.com/software/

More information

Learn more about Fujitsu CELSIUS H710, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
http://ts.fujitsu.com/celsius

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment.
Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

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